

Application No. 10/021,407
Office Action dated: July 10, 2003

Amendments to the Claims:

Claims 1-4 (previously cancelled)

5. (amended) A biopsy device which is compatible for use with a magnetic resonance imaging machine, said device comprising:

- a. a non-metallic elongated substantially tubular needle having a distal end, a proximal end, a longitudinal axis therebetween, and a side port spaced from said distal end on said elongated needle for receiving a tissue sample; and
- b. a sharpened closed distal tip for insertion within tissue, said sharpened distal tip attached to said distal end of said needle, said distal tip having a hollow cavity which is at least partially filled with a material which will leave an artifact under magnetic resonance imaging, wherein said material is spaced longitudinally from said side port of said needle.

6. The device of claim 5 wherein said needle comprises a thermoplastic.

7. The device of claim 5 wherein said needle comprises a glass fiber reinforced polymer resin.

8. The device of claim 5 wherein said material which will leave an artifact under magnetic resonance imaging is selected from the group comprising: gadolinium, titanium, aluminium, copper, brass and bronze.

Claims 9-12 (previously cancelled)

13. (new) The device of Claim 5 further comprising a cutter movable within said tubular needle.

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14. (amended) A biopsy device comprising:

a non-metallic elongated substantially tubular needle having a distal end, a proximal end, a longitudinal axis therebetween, and a side port spaced from said distal end on said elongated needle for receiving a tissue sample;

a sharpened closed distal tip for insertion within tissue, said sharpened distal tip attached to said distal end of said needle, said distal tip having a cavity therein;

a material which will leave an artifact under imaging, wherein said material is disposed in said cavity of said distal tip and spaced longitudinally from said side port of said needle; and

a cutter movable within said tubular needle.